



Properties

↳ similar data type
(int, char, float, string)
↳ 4 Bytes

↳ Random access — $O(1)$ constant

↳ Index number

Students_score[3] = 70

Array Implementation

static
array

$n=5$

array name

int[]

Students_Score

{ 85, 95, 80, 70, 75 }

OR

int Students_Score[]

type
of an
array

Palindrome

$n=6$

0 1 2 3 4 5
1, 2, 3, 3, 2, 1

Start to
end

End to
start

1, 2, 3, 3, 2, 1

1, 2, 3, 3, 2, 1

$i=0$	$i=1$	$i=2$	Results
$arr(0)=1$	$arr(1)=2$	$arr(2)=3$	are
$arr(5)=1$	$arr(4)=2$	$arr(3)=3$	same
Palindromic array			Palindromic array
<p>0 1 2 3 4 5</p> <p>1, 2, 3, 3, 2, 1</p>			$n=6$

for($i=0$; $i < n/2$; $i++$)

if $arr(i) \neq arr(n-i-1)$

'Not a
Palindrome'

